

DERWENT- 1986-314418

ACC-NO:

DERWENT- 198648

WEEK:

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TITLE: Opaque white cloth with high degree of whiteness -  
comprises polyester fibre contg. sulpho-isophthalic acid  
component, and aromatic polyester polyether cpd.

PATENT-ASSIGNEE: UNITIKA LTD[NIRA]

PRIORITY-DATA: 1985JP-0069758 (April 1, 1985)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 61231274 A	October 15, 1986	N/A	005	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 61231274A	N/A	1985JP-0069758	April 1, 1985

INT-CL (IPC): D01F001/06, D01F006/92 , D06M015/53

ABSTRACTED-PUB-NO: JP 61231274A

BASIC-ABSTRACT:

White cloth consists mainly of polyester fibre contg. 0.8-1.8 mol% of sulphoisophthalic acid component and having affinity for cationic dye contg. at least 0.1% owf aromatic polyester-polyether cpd. The fibre has a W-shaped cross section. Specifically, the fibre is dyed with 0.5-2% owf of cationic fluorescent whitening dye at 100-140 deg.C for 5-60 mins. The sulphosiophthalic acid components are, e.g. 5-sodium sulphoisophthalate and lower alkyl ester and ethylene glycol ester thereof. The cloth includes woven, knitted and nonwoven fabrics. The aromatic polyester polyether cpds. are e.g. polyester of terephthalic (isophthalic) acid and polyalkylene glycol, copolymers thereof and block copolymer of the polyester and polyalkylene glycol.

ADVANTAGE - The white cloth has high degree of whiteness and good opacity.

CHOSEN- Dwg.0/0

DRAWING:

TITLE- OPAQUE WHITE CLOTH HIGH DEGREE WHITE COMPRISE POLYESTER

**TERMS:** FIBRE CONTAIN SULPHO ISOPHTHALIC ACID COMPONENT AROMATIC  
POLYESTER POLYETHER COMPOUND

**DERWENT-CLASS:** A23 F06

**CPI-** A05-E01B; A05-E05; A05-E09; A09-A06; A12-S05K; F01-D04; F01-  
**CODES:** D10; F02-A03; F02-B02; F02-C01; F03-B01; F03-C06; F03-F07;

**POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:**

**Key Serials:** 0004 0005 0013 0015 0016 0037 0203 0044 0231 1279 1291  
1384 1458 1462 1464 1587 2208 2209 2322 2528 2530 2589  
2595 2660 2820 2821

**Multipunch** 014 028 035 038 04- 05& 05- 06- 075 081 09- 143 144 147  
**Codes:** 151 155 163 164 166 167 230 305 306 336 364 366 481 483  
485 516 518 523 546 597 600 601 664 665 667 720

**SECONDARY-ACC-NO:**

**CPI Secondary Accession Numbers:** C1986-136011